

SAFETY DATA SHEET (SDS)

Petitgrain Essential Oil

Section 1. Product and Company Identification

Product Name: Petitgrain Essential Oil

Product Code: EO41

SKU: S-EO-41

Botanical Name: Citrus aurantium

Country of Origin: Paraguay

Manufacturer / Distributor: Silky Scents, LLC, 387 Magnolia Ave. STE. 103-122, Corona, CA 92879-3308, USA

Contact: customerservice@SilkyScents.com

Section 2. Hazards Identification

GHS Classification

Aspiration Hazard - Category 1

Skin Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Serious Eye Damage/Eye Irritation - Category 1

Hazardous to the aquatic environment, chronic - Category 3



Signal Word: Danger

Pictograms: GHS05 (Corrosion), GHS07 (Exclamation),
GHS08 (Health Hazard).

HAZARD STATEMENTS:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P264 Wash parts in contact thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P402 + P404 Store in a dry place. Store in a closed container.

P501 Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

Section 3. Composition and Information on Ingredients

Component	CAS NO	EC NO	Concentration
Limonene	5989-27-5	227-813-5	1 - 10 %
Linalool	78-70-6	201-134-4	10 - 40 %
Linalyl Acetate	115-95-7	204-116-4	30 - 80 %
beta-Pinene	127-91-3	204-872-5	0.5 - 3.0 %
Geraniol	106-24-1	203-377-1	1.0 - 7.0 %
Alpha-Terpineol	98-55-5	202-680-6	1.0 - 9.0 %
Myrcene	123-35-3	204-622-5	0.5 - 4.0 %

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion: Seek medical attention or contact local poison control center.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media: Foam. Dry powder. Carbon dioxide.

Unsuitable Extinguishing Media: Water spray, water jet.

Special Protective Equipment and Precautions for Fire-Fighters: Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special Hazards: Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting Gases: Carbon oxides.

Section 6. Accidental Release Measures

Personal Precautions: Equip clean-up crew with proper protection. Respiratory protection equipment may be necessary.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Containment and Cleaning Up: Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

Section 7. Handling and Storage

Precautions for Safe Handling: No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage: Store in well-filled, tight, suitable containers. Do not store with flammable or explosive materials and strong oxidizing agents. Keep drums tightly closed. Store dark, dry and under cold temperatures. Recommended storage temperature: 8-12 C.

Section 8. Exposure Controls/Personal Protection

Eyes: Use tightly sealed goggles.

Skin: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9. Physical and Chemical Properties

Property	Result
Appearance	Pale yellow to amber-yellow liquid
Odor	Characteristic pleasant, fresh-floral, sweet odor
Flash Point	75 C
Relative Density	0.855 to 0.898 @ 20 C
Solubility	Soluble in alcohol and oils. Insoluble in water
Refractive Index	1.455 to 1.472 @ 20 C
Optical Rotation	-6.0 to +2.0 @ 20 C

Section 10. Stability and Reactivity

Reactivity: This material presents no significant reactivity hazard.

Chemical Stability: Chemically stable.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid sparks, flame and other heat sources.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides.

Section 11. Toxicological Information

Acute Toxicity: Values relevant for classification: CAS 5989-27-5 (p-mentha-1,8-diene) LD50 oral (rat) 4400 mg/kg.

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin Contact: Adverse skin effects should be prevented by normal care and personal hygiene.

Eye Contact: Possible irritation should be prevented by wearing safety glasses.

Section 12. Ecological Information

Ecotoxicity: Very toxic to aquatic organisms; may cause long-term adverse effects in the environment. Avoid any pollution of ground, surface or underground water.

Persistence and Degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: Not available.



*"Nothing added, nothing taken away.
Only the best that nature can give."*

Section 13. Disposal Considerations

Waste Disposal: Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

Section 14. Transport Information

UN Number: UN3082

UN Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Petitgrain oil)

Transport Hazard Class: 9

Packing Group Number: III

US DOT (Land): UN3082, Environmentally hazardous substance, liquid, n.o.s. (Petitgrain oil), Class 9, PG III

IMO-IMDG (Sea): UN3082, Environmentally hazardous substance, liquid, n.o.s. (Petitgrain oil), Class 9, PG III

IATA (Air): UN3082, Environmentally hazardous substance, liquid, n.o.s. (Petitgrain oil), Class 9, PG III

Section 15. Regulatory Information

California Proposition 65

- This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Product Regulations: GHS Hazard Statements: please refer to Section 2. GHS Precautionary Statements: please refer to Section 2.

Section 16. Other Information

DISCLAIMER:

The information in this Data Sheet is believed to be accurate as of the date issued, and is NOT BATCH SPECIFIC. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED IS MADE CONCERNING THE ACCURACY, COMPLETENESS OR RELIABILITY OF THE INFORMATION PROVIDED HEREIN, INCLUDING BUT NOT LIMITED TO, WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR COURSE OF PERFORMANCE. The information provided relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Silky Scents® disclaims any and all liability, loss or damage arising out of or relating to the use, storage, handling or disposal of the product or reliance on the information in this doc. Users are cautioned to satisfy themselves as to the suitability of said information, procedures and recommendations for the purposes intended prior to use. Not for internal use.